



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090244-B

**Mode:** Highway

**Status:** Submitted

### NC-127

**From/Cross Street:** SR 1156 (Richey Road)

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** US 64/NC 90

**Project Category:** Regional Impact

**Length:** 7.08

**TIP#:** R-3603B

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$25,422,000

#### Description:

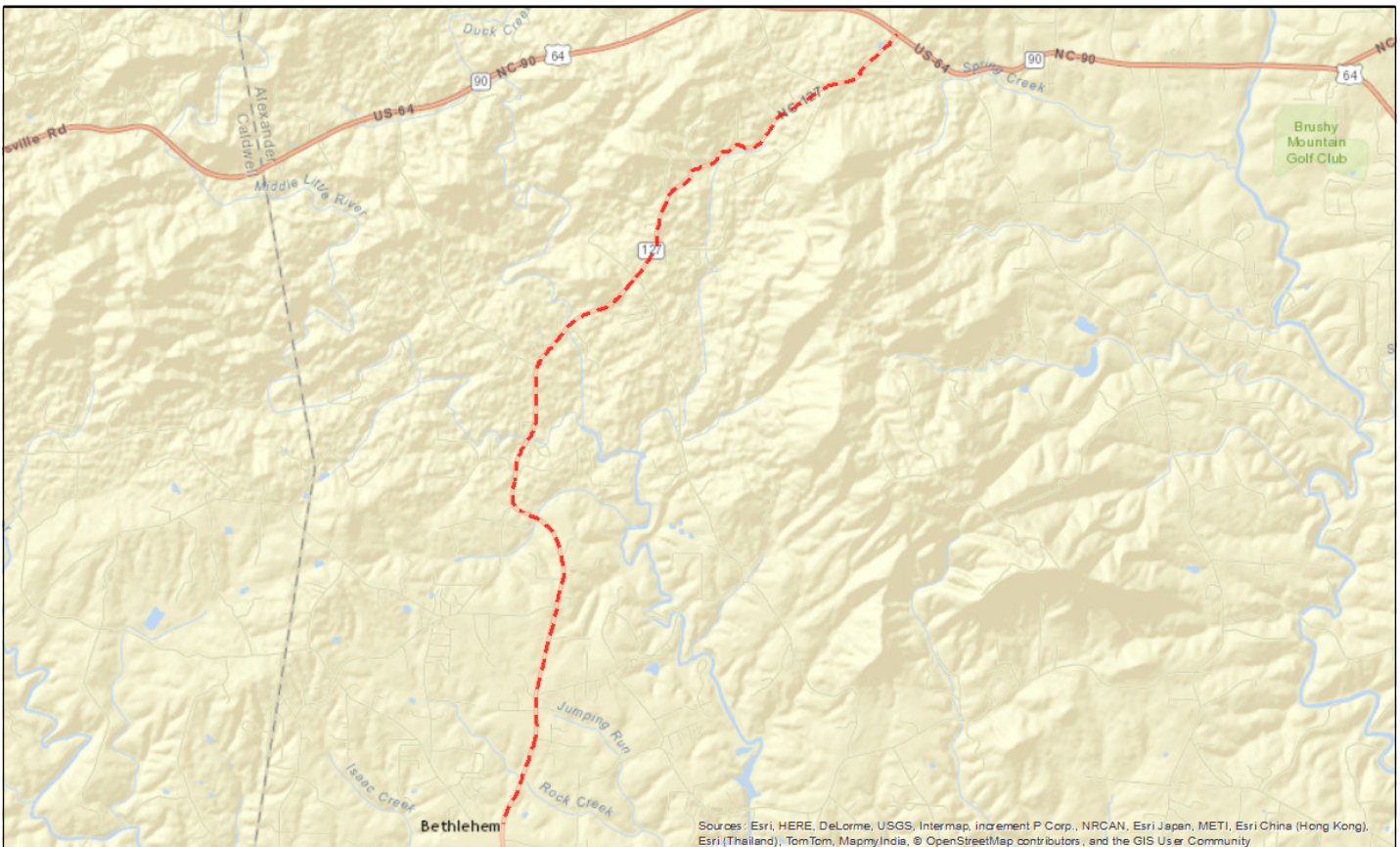
SR 1400 (Cloninger Mill Road) to SR 1351 in Catawba County to US 64-NC 90 in Alexander County. Upgrade Two Lanes and Provide Some Multi-Lane Curb and Gutter. Section B: from SR 1156 (Richey Road) to US 64/NC 90.

**Division(s):** Division 12

**County(s):** ALEXANDER

**MPOS(s)/RPO(s):** Unifour RPO, Greater Hickory MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 10.34**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 18.68	Percent: 15%	Percent: 15%
Congestion (V/C) (25%) 17.19	Points: 0	Points: 0
Safety (10%) 41.78		
[Travel Time] Benefit/Cost (25%) 0.00		
<b>Totals: Weight: 70% Weighted Score: 10.34</b>		

**Division Needs Total Score: 27.11**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 17.19	Percent: 25%	Percent: 25%
Safety (10%) 41.78	Points: 0	Points: 78
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 7.61</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	7.08
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4024.09
Capacity:	15500.05
Volume/Capacity Ratio:	0.26
% Autos:	95%
% Trucks:	5%
Truck Volume:	184.82
Crash Density:	48.19
Crash Severity:	52.44
Critical Crash Rate:	24.7
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	80
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	7.08
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 12	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Unifour RPO	82%	0	78
Greater Hickory MPO	18%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>78</b>

**Project Cost and Source**

Construction Cost:	\$25,422,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$25,422,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$25,422,000</b>	